

USG-3325

ABSTRACT

Disclosed is an acoustical tile composition in which the conventional starch binder is replaced by a wet-strength resin, such as a polyamine epichlorohydrin resin, can be fabricated into ceiling tiles and panels using conventional water felting processes and equipment with improved efficiency. The acoustical tile compositions, with the polyamine epichlorohydrin resins binder, can be dried significantly faster than comparable compositions containing conventional starch binders.